

# EX

## LED EXPLOSION-PROOF LIGHT EPL05 Series



EPL05A(Flange)



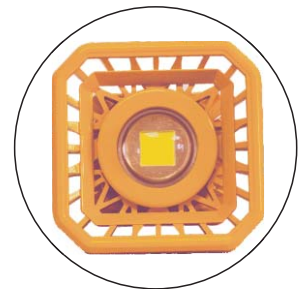
EPL05B(Bracket)

### Applications

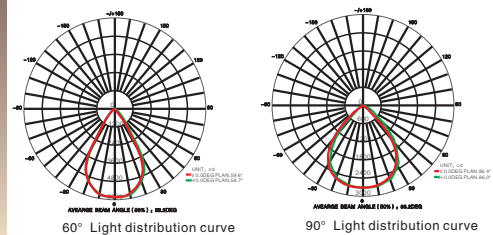
Applied to oil fields, oil refineries, offshore oil platform, power plants, gas stations, oil tanks, wharf, tunnel, pumping station, substation, the military base, etc. Zone I and Zone II Hazardous Locations, Zone 20, Zone 21, Zone 22 and II A, II B, II C explosive gas atmosphere.

### Features

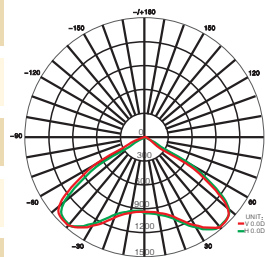
- Patented design for heat dissipation to ensure life of light source up to 50000 hours.
- Bridgelux LED chip; die casting aluminum housing,, with anti-static and anti-corrosion powder painting, high explosion proof grade of flameproof type; dust-proof, waterproof, lens made of high tempered glass which special designed to different beam angle.
- Low power consumption while high light efficiency, power consumption just 20% as much as high pressure sodium lamp, mercury lamp at the same luminous condition, it saves energy more than 75% than that traditional light.
- Advanced quadratic light distribution design result in high uniformity of illumination and good lighting quality, clear lighting effect without a double image.
- Beautiful appearance, several types of installation methods available.



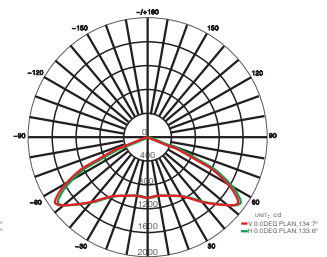
### Light distribution curve



Rated Power	20/30/40/50W
Ex mark	E Ex dIIB T6
IP Grade	IP66
Corrosion-proof Grade	WF2
Input Voltage	AC110/220V(applied to 90 ~ 305V)
Input Frequency	50/60HZ
Beam Angle	60°/90°/120°/140°/140°(transversely)70°(vertically)
Actual Luminous Efficiency	80 ~ 90lm/W (LED itself: 100lm/W)
Color Temperature	Warm white: 2700 ~ 4500K/Pure white 5000 ~ 6500K
CRI	> 70
Power Factor	> 0.90
Ambient Temperature	-40 ~ 60°C
Lifetime	> 50,000hrs
Net Weight	3.8Kg
Dimension	220 × 220 × 202mm
Packing size	290 × 290 × 320mm

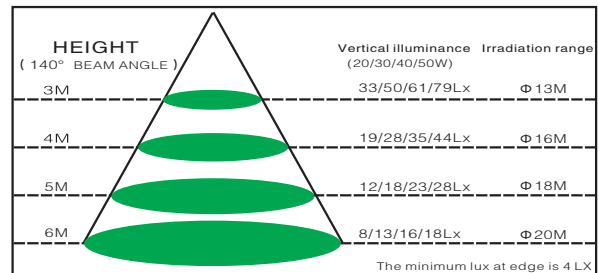
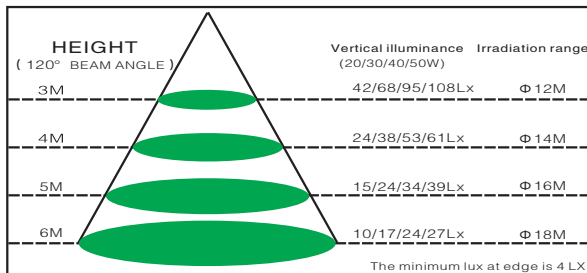
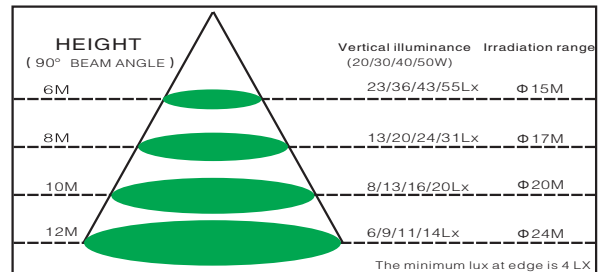
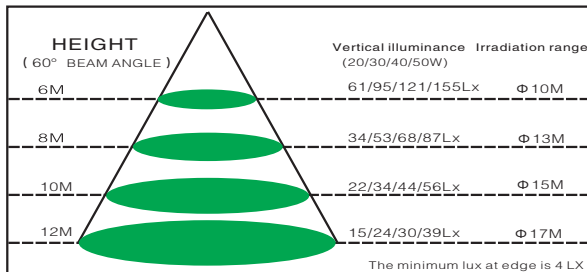


120° Light distribution curve



140° Light distribution curve

### AAI Figure



### Examples of mounting

